

***What Is Claimed Is:***

1. A stably transfected cell line comprising LLC-PK1 cells which express human parathyroid hormone/parathyroid hormone related peptide receptor (PTHr).

5 *sub q2*  
2. A method for determining whether a compound of interest is an agonist or antagonist of a Gs or Gq protein coupled receptor comprising:

(a) providing a cell line which expresses urokinase-type plasminogen activator (u-PA);

(b) providing an expression vector comprising a nucleotide sequence encoding for a Gs or Gq protein coupled receptor, said receptor not normally expressed in said cell line of step (a);

(c) introducing said expression vector into said cell line, thereby providing stably transfected cells;

(d) contacting said stably transfected cells with said compound of interest; and

(e) measuring the u-PA activity of the cell culture supernatant of said cells of step (d).

3. The method of claim 2, wherein said Gs or Gq protein coupled receptor is a Gs protein coupled receptor.

20 4. The method of claim 2, wherein said Gs or Gq protein coupled receptor is a Gq protein coupled receptor.

5. A method of claim 2, wherein said Gs or Gq protein coupled receptor is both a Gs and Gq protein coupled receptor.

6. A method of claim 2, wherein said cell line is LLC-PK1.

7. A method of claim 2, wherein said Gs or Gq protein coupled receptor is human PTHR.

*Sub a3*

8. A method of claim 6, wherein said Gs or Gq protein coupled receptor is human PTHR.

*Add D'*

5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100